U.S. Patent Application No. 09/640, 629   PATENT
Reply to Final Office Action dated August 9, 2006   450100-02651

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in

the application. An identifier indicating the status of each claim is provided.

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Listing of Claims

1.   (Currently Amended) An image processing apparatus comprising:

image processing means for generating desired still image data corresponding to

inputted image data;

printing state information request generating means for generating the printing

state information request requesting the printing state information indicating a printing state of a

printing device;

outputting means for outputting the still image data generated in said image

processing means included in a packet and for defining the printing state information request

generated by said printing state information request generating means by an AV/C command set

consistent with a FCP (Function Control Protocol) and for outputting the resulting request to the

printing device; and

printing state presentation means for presenting to a user the printing state in

accordance with the printing state information on the image processing apparatus,

wherein said outputting means ~~periodically~~ repeatedly outputs said printing state

information request to said printing device at a variable interval.

2.   (Previously Presented) The image processing apparatus according to

claim 1 wherein

said outputting means outputs said printing state information request before

transmitting a command indicating the start of a printing job, a command indicating the end of a

printing job, or a capture command indicating the effect that image data is being transmitted.

3.   (Currently Amended) An image processing method comprising:

generating desired still image data corresponding to inputted image data;

generating a printing state information request which requests printing state

information indicating a printing state of a printing device;

having the generated still image data contained in a packet to output the resulting

packet to said printing device;

simultaneously defining the generated printing state information request in an

AV/C command set consistent with an FCP (Function Control Protocol) to output the resulting

defined printing state to said printing device;

receiving said printing state information transmitted from said printing device in

accordance with said FCP; and

presenting the printing state to a user in accordance with the printing state

information on an image processing apparatus,

~~periodically~~ repeatedly transmitting said printing state information request to said

printing device at a variable interval.

4.   (Previously Presented) The image processing method according to claim 3

wherein said printing state information request is outputted before transmitting a

command indicating the start of a printing job, a command indicating the end of a printing job, or

a capture command indicating the effect that image data is being transmitted.

5.   (Currently Amended)· A printing device comprising:

inputting means fed with still image data contained in a packet and with a printing

state information request defined by an AV/C command set consistent with an FCP (Function

Control Protocol);

printing means for printing still image data inputted to said inputting means;

printing state information generating means for generating the printing state

information indicating a printing state of the printing device; and

outputting means for outputting said printing state information in accordance with

the FCP responsive to the printing state information request fed to said inputting means to be

displayed to a user on an image processing apparatus,

wherein said inputting means ~~periodically~~ repeatedly receives said printing state

information request at a variable interval.

6.   (Currently Amended) A printing method comprising:

inputting still image data contained in a packet and a printing state information

request defined by an AV/C command set consistent with an FCP (Function Control Protocol);

printing the input still image data; and

generating the printing state information indicating a printing state responsive to the input printing state information request to output said printing state information in accordance with the FCP to be displayed to a user on an image processing apparatus,

~~periodically~~-repeatedly inputting said printing state information request at a variable interval.

7.   (Currently Amended) An image printing system comprising:

an image processing apparatus comprising:

image processing means for generating desired still image data corresponding to inputted image data;

printing state information request generating means for generating the printing state information request requesting the printing state information indicating a printing state of a printing device;

outputting means for having the still image data generated in said image processing means included in a packet and for defining the printing state information request generated by said printing state information request generating means by an AV/C command set consistent with a FCP (Function Control Protocol) and for outputting the resulting request to the printing device;

wherein said outputting means periodically outputs said printing state information request to said printing device at a variable interval; and

printing state presentation means for presenting to a user the printing state in accordance with the printing state information on the image processing apparatus;

said printing device comprising:

inputting means fed with still image data outputted by said image processing

apparatus and with a printing state information request;

printing means for printing the still image data fed to said inputting means;

printing state information generating means for generating the printing state

information indicating the printing state of the printing device; and

outputting means for outputting said printing state information in accordance with

the FCP to said image processing apparatus responsive to the printing state information request

fed to said inputting means,

wherein said inputting means ~~periodically~~ repeatedly receives said printing state

information request at a variable interval.

8.   ·(Previously Presented) The image processing apparatus according to

claim 7 wherein,

said outputting means of the image processing apparatus outputs said printing

state information request to the printing device before transmitting a command indicating the

start of a printing job, a command indicating the end of a printing job, or a capture command

indicating the effect that image data is being transmitted.

9.   (Currently Amended) An image printing method wherein

on an image processing device, desired still image data corresponding to inputted

image data are generated, a printing state information request which requests the printing state

information indicating a printing state of a printing device is generated, the generated still image

data is contained in a packet, and the resulting packet is outputted to said printing device; the

generated printing state information request is defined in an AV/C command set consistent with

an FCP (Function Control Protocol) to output the resulting defined printing state information

request to said printing device;

wherein said printing state information request is ~~periodically~~ repeatedly

outputted to said printing device at a variable interval;

wherein on a printing device side, still image data outputted by said image

processing apparatus and a printing state information request are inputted, the input still image

data is printed, the generated printing state information indicating the printing state of the

printing device is outputted responsive to the input printing state information request to the

image processing apparatus in accordance with the FCP; and

wherein on the image processing side, said printing state information transmitted

from said printing device in accordance with an FCP is received and the printing state is

presented to a user in accordance with the printing state information on an image processing

apparatus.

10.   (Previously Presented) The image printing system according to claim 9

wherein said outputting means of the image processing apparatus outputs said

printing state information request to the printing device before transmitting a command

indicating the start of a printing job, a command indicating the end of a printing job, or a capture

command indicating the effect that image data is being transmitted.

11.   (Currently Amended) A recording medium having stored therein an image processing program, said program comprising:

generating desired still image data corresponding to inputted image data;

generating printing state information request which requests the printing state information indicating a printing state of a printing device;

having the generated still image data contained in a packet to output the resulting packet to said printing device;

simultaneously defining the generated printing state information request in an AV/C command set consistent with an FCP (Function Control Protocol) to output the resulting defined printing state information request to said printing device;

receiving said printing state information transmitted from said printing device in accordance with the FCP; and

presenting the printing state to a user in accordance with said printing state information on an image processing apparatus,

wherein said printing state information request is ~~periodically~~ repeatedly outputted to said printing device at a variable interval.

12.   (Currently Amended) A recording medium having stored therein an image processing program, said program comprising:

inputting still image data contained in a packet and a printing state information request defined by an AV/C command set consistent with an FCP (Function Control Protocol);

printing still image data inputted to said inputting means;

generating the printing state information indicating the printing state responsive to

the printing state information request to output said printing state information in accordance with

the FCP to be displayed to a user on an image processing apparatus,

~~periodically~~ repeatedly inputting said printing state information request at a

variable interval.